

UNIVERSITÀ DEGLI STUDI DI MILANO

Procedura di selezione per la chiamata a professore di II fascia da ricoprire ai sensi dell'art. 18, comma 1, della Legge n. 240/2010 per il settore concorsuale 05/B1 - Zoologia e Antropologia,  
(settore scientifico-disciplinare BIO/05 - Zoologia)  
presso il Dipartimento di Scienze e Politiche Ambientali,  
(avviso bando pubblicato sulla G.U. n. 30 del 14/04/2020) - Codice concorso 4329

## Paolo Giulio ALBANO

### CURRICULUM VITAE

#### INFORMAZIONI PERSONALI

COGNOME	ALBANO
NOME	PAOLO GIULIO
DATA DI NASCITA	14 MARZO 1977

✉ [pgalbano@gmail.com](mailto:pgalbano@gmail.com)🌐 <http://homepage.univie.ac.at/paolo.albano/>

**Research interests:** My research focuses on the **anthropogenic causes of biodiversity decline** in the Mediterranean Sea, with a particular focus on **climate change**, **biological invasions** and **pollution**.

I use a **multidisciplinary approach** which exploits paleontological concepts and techniques (geochronology, death assemblages, sediment coring) to define baselines and trajectories of change.

I conduct also research on large-scale **patterns of biodiversity in the Indo-Pacific province** and **taxonomic research** on marine mollusks with a special focus on the Mediterranean and the mega-diverse gastropod family Triphoridae (my model taxon for biogeographic studies in the Indo-Pacific).

**Number of papers:** 45 (I am first or last author of 73% (33/45)), **h-index:** 10 (Scopus), 11 (Google Scholar), **Total citations:** 335 (Scopus), 485 (Google Scholar).

**ORCID identifier:** 0000-0001-9876-1024

#### WORK EXPERIENCE

July 2016 – today

Senior post-doctoral researcher

University of Vienna, Department of Paleontology, Austria

**Principal Investigator** of the project “Historical ecology of Lessepsian migration”, funded by the Austrian Science Fund

May 2016 – June 2016

Technician

Natural History Museum, Vienna, Austria

Digitalization project of the invertebrate collections: **taxonomic expert** for Mollusca.

September 2013 – December 2015

Post-doctoral researcher

University of Vienna, Department of Palaeontology, Austria

**Marie Curie fellow** in the project “Conservation palaeobiology of oil-polluted tropical

marine biota”, funded by the European Commission with a Marie Curie individual Intra-European Fellowship (scientist in charge: Prof. Martin Zuschin)

March 2002 – August 2013 **Environmental consultant**  
NIER Ingegneria Spa, Bologna, Italy  
**Project manager**

## EDUCATION AND TRAINING

July 2018 – July 2024 **Habilitation, II level professor, sector BIO/05 (Zoology and Antropology)**  
Ministry of Education, Universities and Research, Italy (27 July 2018)

January 2008 – May 2011 **PhD, “excellent” evaluation**  
Department of Experimental Evolutionary Biology, University of Bologna, Italy (3 May 2001)  
Thesis: “Molluscs of the marine protected area “Secche di Tor Paterno” (advisors Prof. B. Sabelli, Prof. F. Zaccanti). PhD work published in *Biodiversity and Conservation* 20: 3223–3237, *Palaeogeography, Palaeoclimatology, Palaeoecology* 310: 206-215.

October 1995 – March 2001 **Laurea in Environmental Engineering, 100/100 cum laude**  
Faculty of Engineering, University of Bologna, Italy (16 March 2001)  
Experimental thesis on the “Mo.S.E.” project for the protection of the Venice Lagoon from exceptionally high tides.

## PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
C2 level certified on 10 January 2012					
German	B1	B1	B1	B1	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](#)

**Communication skills**

- Experience in teaching at the university level
- Experience in supervising students in an international context
- Active in outreach and support to early career scientists

**Organisational / managerial skills**

- **Principal Investigator** of a scientific project with a budget of ~500,000 €, involving a team of 18 people, 8 foreign institutions (<http://www.univie.ac.at/lessepsian/index.html>)
- **Fund raiser of 1.8 million Euro**
- COST Action “Advancing marine conservation in the European and contiguous seas” CA15121:  
**Management Committee representative for Austria**  
**Vice-leader of WG3** “Marine Conservation and Biological Invasions”  
Website: <http://www.marcons-cost.eu/>
- **Organizer** of multiple conferences and workshops
- **Principal investigator and organiser** of 5 sampling expeditions to the Mediterranean Sea

- Contributor to 24 projects on biodiversity management and monitoring (**project manager** of 16, 67%)
- **Associate Editor**, *Bollettino Malacologico*, scientific journal of the Italian Malacological Society (since 2015)
- **Board Member**, Italian Malacological Society (2007 – 2009)
- Technical Board Member, NIER Ingegneria Spa, Italy (private consultancy company) (2005 – 2012)

#### Job-related skills

- Independent user of the **R statistical environment**, Primer-E and PAST packages
- Experience with MatLab, ArcGIS, relational databases
- Scanning Electron Microscopy photography, digital photography and imaging software
- **Scuba diving** (CMAS 3 stars diver, CMAS Nitrox I diver)

#### Other skills

- 2010 Health and safety management systems (OHSAS 18001) third-party auditor.
- 2006 Emission trading system (EC Directive 2003/87) third-party auditor.
- 2005 Environmental management systems (ISO 14001) third-party auditor.

#### Driving licence

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## Annex I – Evaluation criteria art. 12 (teaching)

### Teaching

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2019 – 2020	<b>Umweltpaläontologie</b> [Conservation Paleobiology] (summer semester, 5 ECTS) (with Rafal Nawrot and Karl Günther), University of Vienna, Faculty of Earth Sciences, Geography and Astronomy
2018 – 2019	<b>Umweltpaläontologie</b> [Conservation Paleobiology] (summer semester, 5 ECTS) (with Martin Zuschin and Karl Günther), University of Vienna, Faculty of Earth Sciences, Geography and Astronomy
2017 – 2018	<b>Umweltpaläontologie</b> [Conservation Paleobiology] (summer semester, 5 ECTS) (with Martin Zuschin and Karl Günther), University of Vienna, Faculty of Earth Sciences, Geography and Astronomy
2017, 2018	<b>R icebreaker</b> , 8-hour course to bachelor and master students to perform basic analyses in R, University of Vienna
2016	<b>Conservation Paleobiology and Historical Ecology</b> : 2-week course organized by Martin Zuschin (University of Vienna) and Adam Tomašových (Slovak Academy of Sciences), guest professors: Susan Kidwell (University of Chicago) and Karl Flessa (University of Arizona), University of Vienna. I taught the modules: “Amino acid racemization dating”, “Conservation paleobiology of oil platforms in the Persian (Arabian) Gulf” and “Death assemblages enable quantification of time lags in first detection of marine alien species”.
2012 – 2013	<b>Experimental Zoology</b> : module “Analysis of land snail forest communities”, University of Bologna
2011 – 2013	<b>Evolutionary Zoology</b> (6 ECTS): laboratory sections, University of Bologna
2011 – 2013	<b>Zoology</b> (8 ECTS): laboratory sections, University of Bologna

### Students mentored

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	I encourage students to go in the field, sample and identify organisms to delve into biodiversity and build up a solid taxonomic background. The asterisk marks students who did it under my supervision.
2020	Nicole Saporì (ERASMUS Trainee)
2019	Verena Gleiser (Bachelor, University of Vienna), Michele Azzarone (visiting post-doctoral fellow, University of Bologna), Helene Aflenzer (PhD student, Institute for Marine and Antarctic Studies (IMAS) and University of Tasmania), Elina Turapova (ERASMUS Trainee)
2018	Marija Bosnjak (visiting post-doctoral fellow, the Croatian Natural History Museum, Zagreb), Danae Thivaoui (visiting PhD, National and Kapodistrian University of Athens); Matthäus Milkovitz (Master, University of Vienna), Jonathan Lattanzio (Master, Università Politecnica delle Marche, Ancona, Italy, co-supervisor); Karolina Czechowska, Justina Givens, Zara Guifarro (IMBRSea Master internees); Beata Dunne, Angelina Ivkic, Davide di Franco (ERASMUS Trainees)
2017	Jan Steger* (PhD); Martina Stockinger* ( <a href="https://www.researchgate.net/project/Assessment-of-the-relevance-of-Lessepsian-alien-species-in-Posidonia-oceanica-fields-along-a-depth-transect-in-Crete-Greece">https://www.researchgate.net/project/Assessment-of-the-relevance-of-Lessepsian-alien-species-in-Posidonia-oceanica-fields-along-a-depth-transect-in-Crete-Greece</a> ), Denny Mörchner*, Nadja Loferer*, Kristina Weber, Anna Hinterplattner, Jan Päßler, Mimi Amaichigh (Master, University of Vienna); Salvador Fernández Bejarano (EMBC+ Master internee)
2016	Roberto Piñeyro* & Alexander Heidenbauer* (Master, <a href="http://mare-mundi.eu/maremundi-projekt-posidonia-episode-1/">http://mare-mundi.eu/maremundi-projekt-posidonia-episode-1/</a> ), Elena Turac (bachelor, University of Vienna)
2015	Diego García-Ramos (PhD) and Sabine Maria Handler (Master, University of Vienna), Hannah Drummond and Rudolf Bentage (St. Lawrence University, USA), Hannco Bakker (University of Leiden)
2014	Hannah Schmidbaur (University of Vienna), Gloria Malavolta (University of Bologna)
2013	Nadezhda Filippova (visiting PhD, St. Petersburg State University, Russia), Jan Steger (University of Vienna), Mirko D. Gennaro (University of Bologna)
2012	Alessandra Bellucci, Pamela D'Occhio*, Fabio Succetti*, Barbara Bongiovanni (University of Bologna)

### Talks on careers in science to students and young researchers

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2015	Guest Marie Curie fellow at FFG-Akademie Training on Marie Skłodowska-Curie actions, talk “Sharing my experience as a Marie Curie fellow”, 20-21 May 2015
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- 2015**      Talk “Marie Curie Actions: the perspective of an applicant” organized by the Ph.D. course in Earth, Life and Environmental Sciences at the University of Bologna, Italy, 31 May 2015
- 2014**      Guest post-doctoral researcher at the meeting “Afternoon Talk: Applying for a Marie Skłodowska-Curie postdoc fellowship: Insights from a successful applicant”, organized by the Center for Doctoral Studies, University of Vienna, 15 December 2014
- 2014**      Guest post-doctoral researcher at the meeting “Afternoon Talk: Starting a career in academia”, organized by the Center for Doctoral Studies, University of Vienna, 29 April 2014
- 2014**      Guest Marie Curie Fellow at the EURAXESS BUS ROADSHOW at the University of Vienna, 20 March 2014
- 2014**      Talk “Marie Curie Actions: the perspective of an applicant” organized by the Ph.D. course in Earth, Life and Environmental Sciences at the University of Bologna, Italy, 29 May 2014
- 2014**      Talk “Being a Marie Curie Fellow: A Case Study”, at the “Marie Skłodowska-Curie Actions 2014 Fellowships Call: Information Event”, organized by the University of Vienna, 16 June 2014

## Annex II – Evaluation criteria art. 13 (research)

### **Autonomia scientifica dei candidati**

My **scientific independence** is demonstrated by two main lines of evidence. First, I had an unconventional career path that enabled me experiencing all **three kinds of mobility**: i) **among disciplines**: I got a degree in environmental engineering, then entered a PhD course in biology and ended up researching full-time in the field of bio-paleosciences; ii) **inter-sectoral mobility** between the private and public sectors: I have worked for several years in a private consultancy company (developing management and other soft skills) and I am now a researcher in a public university; iii) **geographical mobility**: I have studied and worked in Italy, and I am now employed in Austria since September 2013.

Second, I am the **principal investigator** of a project funded by the Austrian Science Fund (~500,000 Euro) which has enabled me to tackle **my own scientific questions**, develop an **international network** of collaborating scientists and produce **high-quality scientific papers** (among the latest, one has been recently published in *Geology*, number 1 journal in the category “geology” of the Web of Science; a second one has just been submitted to *Nature Climate Change*).

### **Capacità di attrarre finanziamenti competitivi in qualità di responsabile di progetto**

<b>2018 – 2019</b>	Project “Time resolution of fish death assemblages on the Eastern Mediterranean shelf”, funded by the Palaeontological Association, grant PA-RG201803. Principal investigator: Dr. Konstantina Agiadi, I am <b>responsible for the WG on geochronology</b> . Two papers published: <ul style="list-style-type: none"> <li>• <b>Albano P.G.</b>, Hua Q., Kaufman D.S., Tomašových A., Zuschin M., Agiadi K. Radiocarbon dating supports bivalve-otolith age coupling along a bathymetric gradient in high-resolution paleoenvironmental studies. <i>Geology</i> in press (doi: 10.1130/G47210.1)</li> <li>• Agiadi K. &amp; <b>Albano P.G.</b> Holocene fish assemblages provide baseline for evaluation of Anthropocene changes in the Eastern Mediterranean. <i>The Holocene</i> accepted on 14 April 2020, in press</li> </ul>	€ 9,400
<b>2017 – 2019</b>	Scientific & Technological Agreement with Poland 2017-2019, “Historical ecology of Lessepsian migration: the history and destiny of sponges”, OeAD – Austrian Agency for International Cooperation in Education and Research I am the <b>Principal investigator for the Austrian side</b> .	€ 4,740
<b>2016 – 2019</b>	Project “Historical ecology of Lessepsian migration”, funded by the Austrian Science Fund (P 28983-B29),	€ 443,747

I am the **Principal Investigator**. The following papers have been published so far:

- **Albano P.G.**, Hua Q., Kaufman D.S., Tomašových A., Zuschin M., Agiadi K. Radiocarbon dating supports bivalve-otolith age coupling along a bathymetric gradient in high-resolution paleoenvironmental studies. *Geology* in press (doi: 10.1130/G47210.1)
- Agiadi K. & **Albano P.G.** Holocene fish assemblages provide baseline for evaluation of Anthropocene changes in the Eastern Mediterranean. *The Holocene* accepted on 14 April 2020, in press **Albano P.G.** & Stockinger M., 2019. The rhizome layer of *Posidonia oceanica*: an important habitat for Mediterranean brachiopods. *Marine Biodiversity* (doi: 10.1007/s12526-019-00968-6)
- **Albano P.G.**, Schnedl S.-M., Janssen R., Eschner A. An illustrated catalogue of Rudolf Sturany's type specimens in the Naturhistorisches Museum Wien, Austria (NHMW): Red Sea bivalves. *Zoosystematics and Evolution* 95 (2): 557-598 (doi: 10.3897/zse.95.38229)
- Ivkić A., Steger J., Galil B.S., **Albano P.G.**, 2019. The potential of large rafting objects to spread Lessepsian invaders – the case of a detached buoy. *Biological Invasions* 21 (6): 1887–1893 (doi: 10.1007/s10530-019-01972-4)
- Steger J., Stockinger M., Ivkić A., Galil B.S., **Albano P.G.**, 2018. New records of non-indigenous molluscs from the Eastern Mediterranean Sea. *Bioinvasions Records* 7 (3): 245-257 (doi: 10.3391/bir.2018.7.3.05).
- **Albano P.G.**, Schnedl S.-M., Eschner A., 2018. An illustrated catalogue of Rudolf Sturany's type specimens in the Naturhistorisches Museum Wien, Austria (NHMW): deep-sea Eastern Mediterranean molluscs. *Zoosystematics and Evolution* 94(1): 29-56. (doi: 10.3897/zse.94.20116)
- **Albano P.G.**, Gallmetzer I., Haselmair A., Tomašových A., Stachowitsch M., Zuschin M., 2018. Historical ecology of a biological invasion: the interplay of eutrophication and pollution determines time lags in establishment and detection. *Biological Invasions* 20 (6), 1417-1430 (doi: 10.1007/s10530-017-1634-7)
- Nawrot R., **Albano P.G.**, Chattopadhyay D., Zuschin M., 2017. Climate change and body size shift in Mediterranean bivalve assemblages: Unexpected role of biological invasions. *Proceedings of the Royal Society B* 284: 20170357. (doi: 10.1098/rspb.2017.0357)

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<b>2016 – 2019</b>	EU-COST Action “Advancing marine conservation in the European and contiguous seas” CA15121.	€ 521,000
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I am the **Management Committee representative for Austria** and **vice-leader of WG3** on biological invasions.

Three papers published so far:

- Giakoumi S., Katsanevakis S., **Albano P.G.**, Azzurro E., Cardoso A.C., Cebrian E., Deidun A., Edelist D., Francour P., Jimenez C., Mačić V., Occhipinti-Ambrogi A., Rilov G., Sghaier Y.R., 2019. Management priorities for marine invasive species. *Science of the Total Environment* 688: 976-982 (doi: 10.1016/j.scitotenv.2019.06.282)
- Mačić V., **Albano P.G.**, Alpanidou V., Claudet J., Corrales X., Essl F., Evagelopoulou A., Giovos I., Jimenez C., Kark S., Marković O., Mazaris A., Ásta Ólafsdóttir G., Panayotova M., Petović S., Rabitsch W., Ramdani M., Rilov G., Tricarico E., Vega Fernández T., Sini M., Trygonis V., Katsanevakis S., 2018. Biological invasions in conservation planning: a global systematic review. *Frontiers in Marine Science* 5: 178 (doi: 10.3389/fmars.2018.00178).
- Stelzenmüller V., Coll M., Mazaris A.D., Giakoumi S., Katsanevakis S., Portman M., Degen R., Mackelworth P., Gimpel A., **Albano P.G.**, Alpanidou V., Claudet J., Essl F., Evagelopoulou T., Heymans J.J., Genov T., Kark S., Micheli F., Pennino M.G., Rilov G., Rumes B., Steenbeek J., Ojaveer H., 2017. A risk-based approach to cumulative effect assessments for marine management. *Science of the Total Environment* 612: 1132-1140 (doi: 10.1016/j.scitotenv.2017.08.289).

<b>2015</b>	European Commission Synthesys project, visit to the Natural History Museum, London (GB-TAF-4910) Tracing type material of the hyper-diverse gastropod family Triphoridae, part II. I was the <b>Principal Investigator</b> . The outcome of the project has been published in: - <b>Albano P.G.</b> , Bakker P.A.J., Sabelli B., 2019. Annotated catalogue of the types of Triphoridae (Mollusca, Gastropoda) in the Natural History Museum of the United Kingdom, London. <i>Zoosystematics and Evolution</i> , 95 (1): 161-308 (doi: 10.3897/zse.95.32803)	€ 7,500
<b>2013 – 2015</b>	Marie Curie Intra-European post-doctoral fellowship, European Commission “Conservation palaeobiology of oil-polluted tropical marine biota” (PIEF-GA-2012-326089). I was the <b>Marie Curie fellow</b> funded by the grant. The project main publications were: - García-Ramos D.A., <b>Albano P.G.</b> , Harzhauser M., Piller W.E., Zuschin M., 2016. High dead-live mismatch in richness of molluscan assemblages from carbonate tidal flats in the Persian (Arabian) Gulf. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 457: 98-108 (doi: 10.1016/j.palaeo.2016.06.006) - <b>Albano P.G.</b> , Filippova N., Steger J., Schmidbaur H., Tomašových A., Stachowitsch M., Zuschin M., 2016. Contamination patterns and molluscan and polychaete assemblages in two Persian (Arabian) Gulf oilfields. <i>Marine Ecology</i> 37: 907-919 (doi: <a href="http://dx.doi.org/10.1111/maec.12370">http://dx.doi.org/10.1111/maec.12370</a> ) - <b>Albano P.G.</b> , Tomašových A., Stachowitsch M., Zuschin M., 2016. Taxonomic sufficiency in a live-dead agreement study in a tropical setting. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 449: 341-348 (doi: <a href="http://dx.doi.org/10.1016/j.palaeo.2016.02.031">http://dx.doi.org/10.1016/j.palaeo.2016.02.031</a> ) - <b>Albano P.G.</b> , Filippova N., Steger J., Kaufman D.S., Tomašových A., Stachowitsch M., Zuschin M., 2016. Oil platforms in the Persian (Arabian) Gulf: living and death assemblages reveal no effects. <i>Continental Shelf Research</i> 121: 21-34 (doi: <a href="http://dx.doi.org/10.1016/j.csr.2015.12.007">http://dx.doi.org/10.1016/j.csr.2015.12.007</a> )	€ 184,254
<b>2014</b>	European Commission Synthesys project, visit to the Museum für Naturkunde, Berlin (DE-TAF-3510) “Tracing type material of the hyper-diverse gastropod family Triphoridae”	€ 3,800



I was the **Principal Investigator**.

The results were published in:

- **Albano P.G.** & Bakker P.A.J., 2016. Annotated catalogue of the types of Triphoridae (Mollusca, Gastropoda) in the Museum für Naturkunde, Berlin, with lectotype designations. *Zoosystematics and Evolution* 92 (1): 33-78 (doi: <http://dx.doi.org/10.3897/zse.92.5936>)

<b>2013 – 2015</b>	Lise Meitner post-doctoral fellowship, Austrian Science Fund “Conservation palaeobiology of oil-polluted marine biota” I was the researcher to be funded by the fellowship. The grant was awarded, but I declined it for incompatibility with the Marie Curie fellowship.	€ 146,420
<b>2012 – 2013</b>	Biodiversity monitoring of 100 Natura 2000 sites (plants, invertebrates, reptiles, amphibians and mammals) in Region Emilia-Romagna. <b>Co-Principal investigator</b> , specialist for Mollusca. For: Region Emilia-Romagna, Italy. The following studies were published: <ul style="list-style-type: none"> <li>- <b>Albano P.G.</b>, Strazzari G., D'Occhio P., Succetti F., 2015. Field estimates of detectability and site occupancy show that northern Italy forest molluscs are spatially rare and poorly detectable. <i>Italian Journal of Zoology</i> 82 (4): 592-608 (doi: 10.1080/11250003.2015.1040084)</li> <li>- <b>Albano P.G.</b>, 2014. Comparison between death and living land mollusc assemblages in six forested habitats in northern Italy. <i>Palaios</i> 29: 338-347 (doi 10.2110/palo.2014.020)</li> <li>- <b>Albano P.G.</b>, D'Occhio P., Strazzari G., Succetti F., Sabelli B., 2014. Land mollusc forest communities along an altitudinal transect in northern Italy. <i>Journal of Molluscan Studies</i> 80: 55-61 (doi:10.1093/mollus/eyt041)</li> <li>- <b>Albano P.G.</b>, Bassi V., D'Occhio P., Strazzari G., Succetti F., Sabelli B., 2013. Land molluscs of forested habitats of four “Natura 2000” sites in Emilia-Romagna, with notes on the date of settlement of the alien species <i>Bulgarica denticulata</i>. <i>Bollettino Malacologico</i> 49 (2): 81-100.</li> </ul>	€ 896,610
<b>2006 – 2008</b>	Benthic biodiversity monitoring in the Marine Protected Area “Secche di Tor Paterno”, Central Tyrrhenian Sea. <b>Principal investigator</b> . This project funded my PhD. The following papers were produced: Evangelisti F., <b>Albano P.G.</b> , Sabelli B., 2013. Size frequency distributions of <i>Joania cordata</i> and <i>Argyrotheca cuneata</i> (Brachiopoda: Megathyrididae) from the central Tyrrhenian Sea. <i>Marine Ecology</i> 35 (3): 377-386 (doi: 10.1111/maec.12096) Evangelisti F., <b>Albano P.G.</b> , Sabelli B., 2012. Predation on two brachiopods, <i>Joania cordata</i> and <i>Argyrotheca cuneata</i> , from an offshore reef in the Tyrrhenian Sea. <i>Marine Biology</i> 159: 2349-2358 (doi: 10.1007/s00227-012-2019-1) <b>Albano P.G.</b> & Sabelli B., 2012. The molluscan assemblages inhabiting the leaves and the rhizomes of a deep water <i>Posidonia oceanica</i> settlement in the Central Tyrrhenian Sea. <i>Scientia Marina</i> 76 (4): 721-732 (doi: 10.3989/scimar.03396.02C) <b>Albano P.G.</b> & Sabelli B., 2011. Comparison between death and living molluscs assemblages in a Mediterranean infralittoral off-shore reef. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 310: 206–215 (doi: 10.1016/j.palaeo.2011.07.012) Evangelisti F., <b>Albano P.G.</b> , Sabelli B., 2011. Recent Brachiopoda of the Marine Protected Area “Secche di Tor Paterno”, Central Tyrrhenian Sea. <i>Cahiers de Biologie Marine</i> 52: 193-202	€ 31,900

**Organizzazione, direzione e coordinamento di centri o gruppi di ricerca nazionali e internazionali o partecipazione agli stessi e altre attività quali la direzione o la partecipazione a comitati editoriali di riviste scientifiche, l'appartenenza ad accademie scientifiche di riconosciuto prestigio;**

**2016 – today: Principal investigator** of the project “Historical ecology of Lessepsian migration”, where I created an **international network** of specialists which includes:

- Dr. Konstantina Agiadi, Kapodistrian University of Athens, Geology and Geoenvironment Department (fish

otoliths)

- Prof. Christos Arvanitidis, Hellenic Centre for Marine Research, Crete, Greece (polychaetes)
- Prof. Jonathan Belmaker, Tel Aviv University, Israel (fishes and ecological modelling)
- Dr. Magdalini Christodoulou, Senckenberg Institution, Germany (crustaceans)
- Prof. Bella Galil, Steinhardt Museum of Natural History, Tel Aviv, Israel (biological invasions)
- Prof. Petra Heinz, University of Vienna (forams)
- Dr. Quan Hua, Australian Nuclear Science and Technology Organisation, Australia (radiocarbon ages calibration)
- Prof. Darrell Kaufman, Northern Arizona University, USA (radiocarbon dating)
- Dr. Magdalena Lukowiak, Polish Academy of Sciences (sponges)
- Prof. Alessandra Negri, Università Politecnica delle Marche, Ancona, Italy (forams)
- Dr. Gil Rilov, Israel Oceanographic and Limnological Research, Haifa (biological invasions)
- Dr. Adam Tomašových, Geological Institute, Slovak Academy of Sciences, Bratislava, Slovakia (paleoecological modelling)
- Dr. Moriaki Yasuhara, The University of Hong Kong (ostracods)
- Prof. Martin Zuschin, University of Vienna (conservation paleobiology)

**2016 – 2020: EU-COST Action** “Advancing marine conservation in the European and contiguous seas” CA15121. I am the **Management Committee representative for Austria** and **vice-leader of WG3 on biological invasions**.

**2007 – today: Member** of the **international network** of Prof. Bouchet, National Museum of Natural History, Paris, to study biodiversity patterns in the Indo-Pacific province.

**2015 – today: Associate Editor**, Bollettino Malacologico, scientific journal of the Italian Malacological Society

### ***Conseguimento di premi e riconoscimenti nazionali e internazionali per attività di ricerca***

**2018 – 2024: Habilitation** as **associate professor of Zoology**, Ministry of Education, Universities and Research, Italy

**2016 – 2019: Post-doc Award**, Faculty of Earth Sciences, Geography and Astronomy, University of Vienna  
Scientific Advisory Board statement: “Albano is seen as a strong candidate. He seems to be quite advanced on a track towards a career in science, based on major and prestigious funding. ... His topic of “Invasion of alien species in the Mediterranean” is a hot topic in environmental research... He is obviously at the forefront of research in this field, which he performs well connected with colleagues... ”.

**2013 – 2015: Individual Marie Curie fellowship**, European Commission

**2012: Sandro Ruffo award**, Museo Civico di Storia Naturale, Verona, Italy

### ***Partecipazione in qualità di relatori a congressi e convegni di interesse internazionale***

- **Albano P.G.**, Steger J., Bošnjak M., Dunne B., Guifarro Z., Turapova E., Galil B.S., Rilov G., Zuschin M., 2020. Climate change driven massive extirpation of native species from the Israeli Mediterranean shelf. European Geosciences Union, General Assembly 2020, Vienna, Austria, 3-8 May 2020
- **Albano P.G.**, Steger J., Bošnjak M., Dunne B., Guifarro Z., Turapova E., Galil B.S., Rilov G., Zuschin M., 2020. Massive extirpation of native species from the Israeli Mediterranean shelf. Oceans Past Conference, 10-13 May 2020, Ostend, Belgium.
- **Albano P.G.**, Steger J., Bošnjak M., Dunne B., Guifarro Z., Turapova E., Galil B.S., Rilov G., Zuschin M., 2020. Massive extirpation of native species from the Israeli Mediterranean shelf. Conservation Paleobiology Symposium, 3-4 February 2020, Bologna, Italy.
- **Albano P.G.**, Steger J., Bošnjak M., Dunne B., Guifarro Z., Hinterplattner A., Galil B.S., Zuschin M., 2019. The decline of native mollusks on the Israeli shallow shelf. The Molluscan Forum, Natural History Museum London, 21 November 2019.
- **Albano P.G.**, Steger J., Guifarro Z., Galil B.S., Zuschin M., 2019. Limited growth and hindered reproduction causes the demise of native mollusks on the Israeli Mediterranean shallow shelf. World Congress of Malacology, August 11–16, 2019, Pacific Grove, CA, USA **INVITED SPEAKER**
- **Albano P.G.**, 2019. The collapse of native biodiversity on the Israeli Mediterranean shallow shelf: patterns and causes. North American Paleontological Convention 2019, Riverside, California, 23-27 June 2019.
- Steger J., Galil B.S., Hinterplattner A., Zuschin M., **Albano P.G.**, 2018. Assessing the impact of the

- Lessepsian invasion on soft substrate assemblages on the Israeli Mediterranean shelf – a molluscan live-dead agreement study. 5<sup>th</sup> International Palaeontological Congress, Paris, France, 9-13 July 2018.
- **Albano P.G.**, Hinterplattner A., Thivaoui D., Weber K., Päßler J.-F., Steger J., Galil B.S., Zuschin M., 2018. The historical ecology of the Lessepsian invasion: perspectives from sediment cores. 5<sup>th</sup> International Palaeontological Congress, Paris, France, 9-13 July 2018.
  - **Albano P.G.**, Gallmetzer I., Haselmair A., Tomašových A., Stachowitsch M., Zuschin M., 2018. Historical ecology of the invasion of the bivalve *Anadara transversa* in the northern Adriatic Sea. 4<sup>th</sup> World Congress on Marine Biodiversity, Montréal, Canada, 13-16 May 2018.
  - **Albano P.G.**, Gallmetzer I., Haselmair A., Tomašových A., Stachowitsch M., Zuschin M., 2017. Historical ecology of the introduction of the alien bivalve *Anadara transversa* in the Adriatic Sea. 8<sup>th</sup> International Meeting on Taphonomy and Fossilization, Vienna, Austria, 14-17 September 2017.
  - **Albano P.G.**, Gallmetzer I., Haselmair A., Kaufman D.S., Tomašových A., Stachowitsch M., Zuschin M., 2016. Death assemblages enable quantification of time-lags in first detection of alien species. EuroMarine workshop: Management of bioinvasions in the Mediterranean – the way forward (MEDBINV). Villa Dohrn-Benthic Ecology Center (Stazione Zoologica Anton Dohrn) Ischia (Naples, Italy) 4-5 May 2016.
  - **Albano P.G.**, Tomašových A., Kaufman D.S., Stachowitsch M., Zuschin M., 2016. The environmental impacts of oil platforms in the Persian (Arabian) Gulf: the conservation paleobiology approach. European Geosciences Union, General Assembly 2016, Vienna, Austria, 17-22 April 2016.
  - **Albano P.G.**, Tomašových A., Kaufman D.S., Stachowitsch M., Zuschin M., 2015. Assessing the magnitude of recent compositional changes in marine ecosystems: applying the conservation paleobiology approach to the Persian Gulf. Geological Society of American Meeting, Baltimore USA, 1-4 November 2015.
  - **Albano P.G.**, Tomašových A., Stachowitsch M., Zuschin M., 2015. Assessing the magnitude of recent compositional changes in marine ecosystems: a conservation paleobiology case study from the Persian Gulf. European Geosciences Union, General Assembly 2015, Vienna, Austria, 12-17 April 2015.
  - **Albano P.G.**, Tomašových A., Stachowitsch M., Filippova N., Steger J., Zuschin M., 2015. Major oil spills and chronic discharges in the Arabian (Persian) Gulf: effects on biodiversity inferred with live-dead agreement studies. 2015 Aquatic Sciences Meeting, Granada, Spain, 22-27 February 2015.
  - **Albano P.G.**, Tomašových A., Stachowitsch M., Filippova N., Steger J., Zuschin M., 2014. Live-dead agreement of benthic communities under pressure by chronic oil pollution in the Persian (Arabian) Gulf. 4<sup>th</sup> International Palaeontological Congress, Mendoza, Argentina, 28 September-3 October 2014.
  - **Albano P.G.**, Tomašových A., Stachowitsch M., Filippova N., Steger J., Zuschin M., 2014. Live-dead agreement analysis of benthic communities around a large oil field in the Arabian Sea. European Geosciences Union, General Assembly 2014, Vienna, Austria, 27 April-2 May 2014.
  - **Albano P.G.** & Sabelli B., 2011. Recenti estensioni di areale di molluschi marini autoctoni lungo le coste italiane. 38° Congresso della Società Italiana di Biogeografia. Roma, 14-17 December 2011.
  - **Albano P.G.** & Sabelli B., 2011. Diversità dei molluschi bentonici dell'Area Marina Protetta delle "Secche di Tor Paterno" (Roma). 72° Congresso dell'Unione Zoologica Italiana. Bologna, 5-8 September 2011.
  - **Albano P.G.**, Sabelli B., Adani M., Pinardi N., 2010. The thermophilous species *Echinolittorina punctata* as a new descriptor of tropicalization in the Mediterranean Sea – first data. 41° Congresso della Società Italiana di Biologia Marina. Rapallo (Genova), 7-11 June 2010.
  - **Albano P.G.** & Sabelli B., 2008. Biodiversity survey of the benthic communities of the Marine Protected Area "Secche di Tor Paterno", Central Tyrrhenian Sea, by way of molluscs: preliminary results on the foliar stratus of *Posidonia oceanica*. 5<sup>th</sup> Congress of the European Malacological Societies. Ponta Delgada (Açores) 2-6 September 2008.

### **Attività di valutazione nell'ambito di procedure di selezione competitive nazionali e internazionali**

**2019: Proposal evaluator** for the National Science Centre Poland (NCN), OPUS funding scheme: 1 proposal

**2019: Evaluator** for the 2019 call for **Marie Skłodowska-Curie Individual Fellowships** (MSCA-IF): 9 proposals (for 6 I served as rapporteur)

**2019: Evaluator** for the 2019 call for **Marie Skłodowska-Curie International Training Networks** (MSCA-ITN): 1 proposal

**2019: Evaluator** for the **PRIN programme** (Research Projects of National Interest) of the Ministry of Education, Universities and Research, Italy: 1 proposal

**2018: Evaluator** for the 2018 call for **Marie Skłodowska-Curie Individual Fellowships** (MSCA-IF): 16 proposals

**2015: Proposal evaluator**, Conchological Society of the Great Britain and Ireland Research Grants: 2 proposals

**2014 – 2017: Proposal evaluator, COST** (European Cooperation in Science and Technology): 4 proposals

## Annex III – Evaluation criteria art. 14 (management)

### Service in management committees

**2007 – 2009:** Board Member, Italian Malacological Society

**2005 – 2012:** Technical Board Member, NIER Ingegneria Spa, Italy (private consultancy company)

### Organization of conferences

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<b>2020 –</b>	Member of the “Conservation Paleobiology Annual Symposium Panel” of the Conservation Paleobiology Research Coordination Network (led by M. Kowalewski, Florida Museum of Natural History, University of Florida, USA)
<b>2020</b>	Co-organizer of a symposium on Conservation Paleobiology at the University of Bologna, 3-4 February 2020, with Aaron O’Dea, Daniele Scarponi and Laura Aioldi
<b>2018</b>	Main convener of the session “Conservation paleobiology and historical ecology of marine ecosystems” at the 5 <sup>th</sup> International Paleontological Congress, Paris, 9-13 July 2018
<b>2018</b>	Organizer of the workshop “Mitigation of biological invasions’ impacts in the Mediterranean Sea: from theory to practice”, within the COST Project MarCons “Advancing marine conservation in the European and contiguous seas”, 27-28 March 2018 (ca. 15 international attendants)
<b>2018</b>	Organizer of the workshop “The past, present and future of the Lessepsian invasion”, University of Vienna, 23-24 January 2018 (ca. 20 attendants from 10 institutions)
<b>2017</b>	Scientific Committee member of the 8 <sup>th</sup> International Meeting on Taphonomy and Fossilization, Vienna, 14-17 September 2017
<b>2017</b>	Organizer of an event on biological invasions at the Department of Palaeontology, University of Vienna, 31 January 2017 (invited speaker: Yoni Belmaker, University of Tel Aviv, Israel)
<b>2016</b>	Representative of early-career scientists of the Faculty of Earth Sciences, Geography and Astronomy, University of Vienna during the Faculty evaluation with external peers, 14-16 November 2016
<b>2015 – 2016</b>	Co-convener session OS4.6 “Marine Pollution Assessment, Predictions and Risk Mapping”, European Geosciences Union Meeting 2016, 17-22 April 2016, Vienna, Austria
<b>2014 – 2015</b>	Co-convener session SSP4.2.5 “Conservation Palaeobiology and Taphonomy”, European Geosciences Union Meeting 2015, Vienna, Austria

### Fieldwork

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<b>July 2019</b>	Participation to fieldwork in the project “Classification of coastal habitats of Northern Cyprus according to EUNIS protocol” in the Turkish Republic of Northern Cyprus (PI: Fatih Hüseyinoğlu)
<b>October 2018</b>	Sampling hard substrates by SCUBA diving, Israeli Mediterranean coast ( <b>PI</b> , 85 person-days)
<b>April 2018</b>	Sampling hard substrates by SCUBA diving, Israeli Mediterranean coast ( <b>PI</b> , 100 person-days)
<b>April 2017</b>	Sediment coring and grabbing mission to the Israeli Mediterranean coast ( <b>PI</b> , 64 person-days)
<b>September 2016</b>	Sediment coring and grabbing mission to the Israeli Mediterranean coast ( <b>PI</b> , 30 person-days)
<b>May 2012</b>	Survey of land molluscs of four Natura 2000 sites in Region Emilia-Romagna ( <b>PI</b> , 60 person-days)
<b>May 2007</b>	“Secche di Tor Paterno” Marine Protected Area molluscs survey (Central Tyrrhenian Sea) ( <b>co-PI</b> with Bruno Sabelli, head of the diving and sorting team, 40 person-days)

### Outreach

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<b>2019</b>	<b>Newspaper article</b> on Israeli daily Ha’aretz, 1 May 2019: “Exodus: Ten non-native species came to the Mediterranean on a buoy that was swept away from the Red Sea” [in Hebrew] by Rinat Zafrir (online version at <a href="https://www.haaretz.co.il/nature/zafrir/.premium-1.7188901">https://www.haaretz.co.il/nature/zafrir/.premium-1.7188901</a> )
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- 2018** Organisation of the **public symposium** "Secrets of the deep sea – Symposium on occasion of the anniversary of the Pola expeditions" in cooperation with Helmut Sattmann, head of the Third Department (Invertebrates), 27 June 2018, Naturhistorisches Museum Wien
- 2018** Organisation of a **public seminar** on biological invasions, 23 January 2018, Department of Palaeontology, University of Vienna: B.S. Galil "Willful blindness - managing bioinvasions in the Mediterranean Sea", A. Negri "Beyond biostratigraphy: how calcareous nannofossils can be used to detect paleo-floods and reconstruct ecosystem changes in the Levantine Sea", J. Steger "Beyond borders - Lessepsian aliens reshape soft-bottom assemblages on the Israeli Mediterranean shelf"
- 2017** **Talk** "Come ipossia e inquinamento modulano il successo delle specie aliene nel Nord Adriatico" in the seminar for the public: "Cambiamento climatico e mare: rischi e implicazioni" [Climate change and the sea: risks and consequences], 21 December 2017, University of Bologna, Italy
- 2017** **Radio interview** and web article ("Drei Grad plus in 30 Jahren") for the Austrian Public Radio (ORF) on the Lessepsian invasion and climate warming (<http://science.orf.at/stories/2857186/>), Vienna, aired on 27 July 2017 during the program "Ö1-Journale" (12:00 h)
- 2017** **Radio interview** and web article ("Zukunft der Adria ist in Gefahr") for the Austrian Public Radio (ORF) on the degradation of the northern Adriatic Sea and the alien species settling there (<http://science.orf.at/stories/2852511/>), Vienna, aired on 3 July 2017 during the program "Ö1-Journale" (12:00 h)
- 2016 –** Designer and keeper of the **blog** "Historical ecology of Lessepsian migration" (<https://lessepsianmigrationblog.wordpress.com/>) and associated Facebook page (<https://www.facebook.com/lessepsianmigration/>)
- 2016** **Newspaper article** on Austrian daily Der Standard, 26 October 2016: "Warum Muscheln ins Mittelmeer immigrieren" by Kurt de Swaaf (online version at <http://derstandard.at/2000046429775-1328/Warum-Muscheln-ins-Mittelmeer-immigrieren>)
- 2016** **Radio interview** and web article ("Exotische Rotfeuerfische erobern das Mittelmeer") for the Austrian Public Radio (ORF) on the lionfish (an alien species which stings) (<http://science.orf.at/stories/2782684/>), Vienna, aired on 28 June 2016 during the program "Wissen Aktuell" (13:55 h)
- 2016** **TV interview** for the Austrian Public Radio (ORF) on alien species and climate change in the Mediterranean Sea, Vienna, broadcast on 8 June 2016 during the program "Heute mittag" (13:15 h)
- 2016** **Radio interview** and web article for the Austrian Public Radio (ORF) on alien species (<http://science.orf.at/stories/2777242/>), Vienna, aired on 31 May 2016 during the program "Wissen Aktuell" (13:55 h).
- 2015** Lecture: Innovative approaches to environmental assessment of oil-platforms: a case study from the Arabian Gulf. NIER Ingegneria Spa (consultancy company), Bologna, Italy, 18 December 2015
- 2015** **Lecture:** Innovative approaches to environmental assessment of oil-platforms: a case study from the Arabian Gulf. OMV (Austrian Oil Company), Vienna, 24 November 2015
- 2014** Magazine article: Lebensraum Meeresboden, Conservation palaeobiology of oil-polluted tropical marine biota in the Arabian Gulf. Die Österreichische Forschungsförderungsgesellschaft. Austria.
- 2013** Talk and hands-on activities: Analysis of death assemblages under the microscope, and the back stage of museum collections. H2BO Diving Club, Bologna, Italy, 5 June 2013
- 2013** Talk: biodiversity of molluscs in marine biota. H2BO Diving Club, Bologna, Italy, 25 January 2013
- 2012** Lecture: Properties of biodiversity. HERA (Multi-utility company), Bologna, Italy, 9 December 2012
- 2012** Lecture: Properties of biodiversity. NIER Ingegneria (consultants), Bologna, Italy, 14 September 2012
- 1999** Talk: Molluscan biodiversity. GSB Diving Club, Bologna, Italy

## Annex IV – Additional information

### Complete funding list

#### Current funding

<b>2020</b>	Funding bonus for the preparation of a proposal for large prestigious third-party funding (Austrian Science Fund stand-alone project) by the Faculty of Earth Sciences, Geography and Astronomy, University of Vienna	€ 2,000
<b>2016 – 2020</b>	Project “Historical ecology of Lessepsian migration”, funded by the Austrian Science Fund (P 28983-B29), <b>Principal Investigator</b>	€ 443,747
<b>2016 – 2020</b>	EU-COST Action “Advancing marine conservation in the European and contiguous seas” CA15121.	€ 2,708.57

#### Past funding

<b>2019</b>	Host of the Short-term scientific mission (STSM) “Biotic homogenization on the Mediterranean Israeli shelf” of Dr. Marija Bosnjak, Croatian Natural History Museum, EU-COST Action “Advancing marine conservation in the European and contiguous seas” CA15121	€ 1,290
<b>2019</b>	“Establishing common research protocols between professional and citizen scientists for biodiversity research”, funded by the Faculty of Earth Sciences, Geography and Astronomy, University of Vienna	€ 5,000
<b>2019</b>	Funding for open access of a taxonomic monograph (Albano et al, 2018 Annotated catalogue of the types of Triphoridae (Mollusca, Gastropoda) in the Natural History Museum of the United Kingdom, London), University of Vienna	€ 2,000
<b>2018 – 2019</b>	Funding bonus for the preparation of a proposal for large prestigious third-party funding (Austrian Science Fund START grant) by the Faculty of Earth Sciences, Geography and Astronomy, University of Vienna	€ 2,000
<b>2018 – 2019</b>	Host of the Post-doctoral Ernst Mach Grant to Marija Bošnjak for the project “Quantifying the impacts of the Lessepsian invasion on hard substrates in the Eastern Mediterranean Sea” (9 months)	€ 10,350
<b>2018 – 2019</b>	Project “Time resolution of fish death assemblages on the Eastern Mediterranean shelf”, funded by the Palaeontological Association, grant PA-RG201803 (host of applicant Dr. Konstantina Agiadi).	€ 9,400
<b>2018 – 2019</b>	Funds for amino acid racemization and radiocarbon dating at the Northern Arizona University Amino Acid lab (Prof. D. Kaufman), University of Vienna Investment Programme, project IP535015 (with M. Zuschin)	€ 44,000
<b>2017 – 2019</b>	In-kind contribution from the Natural History Museum of Vienna, Department of Invertebrate Zoology (ref. Dr. H. Sattmann) (fixatives, students’ contracts, consumables)	€ 3,000
<b>2017 – 2019</b>	Scientific & Technological Agreement with Poland 2017-2019, “Historical ecology of Lessepsian migration: the history and destiny of sponges”, OeAD – Austrian Agency for International Cooperation in Education and Research	€ 4,740
<b>2016 – 2019</b>	<b>Post-doc Award</b> , Faculty of Earth Sciences, Geography and Astronomy, University of Vienna	€ 15,000
<b>2018</b>	Funds for open access publishing, Austrian Science Fund	€ 1,092
<b>2018</b>	Funds to invite Dr. Marco Taviani, senior researcher of the Italian National Research Centre, to the symposium “Secrets of the deep sea – Symposium on occasion of the anniversary of the Pola expeditions” on 27/6/2018 in Vienna, Österreichische Forschungsgemeinschaft, “Internationale Kommunikation” programme (speaker’s hotel and accommodation, project 06/15617)	€ 600
<b>2018</b>	Host of the ERASMUS+ Trainee Angelina Ivkic for the project “Artificial substrates as stepping stones for the Lessepsian invasion” (4 months)	€ 1,560
<b>2018</b>	Host of the ERASMUS+ Trainee Davide Di Franco for the project “Historical ecology of Lessepsian migration” (6 months)	€ 3,364

2017	Funds to invite Prof. Bella Galil, Steinhardt Museum of Natural History (Forschungs- und Exzellenzförderung – DKZ 3_F_02-2018_IfP), and Prof. Alessandra Negri, Università Politecnica delle Marche, Italy, to the workshop “The past, present and future of the Lessepsian invasion” in Vienna on 23-24/1/2018	€ 2,500
2017	Funds to organize the workshop “The past, present and future of the Lessepsian invasion” on 23-24/1/2018 in Vienna, Österreichische Forschungsgemeinschaft, “Internationale Kommunikation” programme (speakers’ hotel and accommodation, project 06/15480)	€ 860
2017	Host of the Short-term scientific mission (STSM) “Pre-Lessepsian invasion baseline reconstruction of the marine fish fauna along the Israeli coast as a foundation for management action design and implementation” of Dr. Konstantina Agiadi, National and Kapodistrian University of Athens, Geology and Geoenvironment Department, EU-COST Action “Advancing marine conservation in the European and contiguous seas” CA15121	€ 2,200
2017	Support to the Kurzfristige wissenschaftliche Auslandsstipendien (KWA) to Martina Stockinger for her project “Assessment of the relevance of Lessepsian alien species in Posidonia oceanica fields along a depth transect in Crete.”	€ 2,100
2016	ÖFG – Österreichische Forschungsgemeinschaft travel grant to attend the workshop “Management of bioinvasions in the Mediterranean – the way forward” (MEDBINV). (project 06/14939)	€ 430
2015	Water purifier for the preparation of samples for amino acid racemization at the Department of Palaeontology, funded by the Faculty of Earth Sciences, University of Vienna	€ 8,338
2015	Amino acid racemization equipment for the Department of Palaeontology, funded by the Faculty of Earth Sciences, University of Vienna	€ 4,912
2015	EC Synthesys project, visit to the Natural History Museum, London (GB-TAF-4910) Tracing type material of the hyper-diverse gastropod family Triphoridae, part II.	€ 7,500
2015	Motorized stereomicroscope, funded by the University of Vienna	€ 30,941
2015	Host of the ERASMUS+ Trainee Hanneke Bakker for the project “Biodiversity gradients in the Coral Triangle, Indo-Pacific faunal province” (6 months)	€ 2,000
2013 – 2015	<b>Marie Curie Intra-European post-doctoral fellowship</b> , European Commission “Conservation palaeobiology of oil-polluted tropical marine biota” (PIEF-GA-2012-326089).	€ 184,254
2014	EC Synthesys project, visit to the Museum für Naturkunde, Berlin (DE-TAF-3510) “Tracing type material of the hyper-diverse gastropod family Triphoridae”	€ 3,800
2013 – 2015	<b>Lise Meitner post-doctoral fellowship</b> , Austrian Science Fund “Conservation palaeobiology of oil-polluted marine biota” Declined by me for incompatibility with the Marie Curie fellowship	€ 146,420
2012 – 2013	Regione Emilia-Romagna, Italy “Monitoring of the fauna (birds and fish excluded) and flora of 100 sites of the Natura 2000 network”	€ 896,610
2007 – 2008	Italian Ministry of the Environment, RomaNatura Sampling and analysis of the benthic molluscan assemblages of the Marine Protected Area “Secche di Tor Paterno”.	€ 31,900

### **Invited seminars**

2020	<b>University of Bari, Department of Biology</b> , Italy, 15 May 2020 Biodiversity collapse in the Eastern Mediterranean Sea
2019	<b>University of Vienna, Department of Political Science</b> , 12 December 2019 Biodiversity collapse in the Eastern Mediterranean Sea
2019	<b>North American Paleontological Convention</b> , Riverside, California, 23-27 June 2019 The collapse of native biodiversity on the Israeli Mediterranean shallow shelf: patterns and causes



- 2018**      **University of Tel Aviv**, School of Zoology, 25 April 2018  
Reconstructing the past of biological invasions with death assemblages
- 2017**      **University of Vienna, Faculty of Earth Sciences, Geography and Astronomy**, 22 June 2017  
Deep into the sediments: a time-machine to explore the past of marine ecosystems
- 2017**      **Università Politecnica delle Marche**, Department of Life and Environmental Sciences, Ancona, Italy, 9 May 2017  
The use of death assemblages in invasion ecology: reconstructing the history of introductions beyond direct observation
- 2017**      **University of Vienna, Department of Botany and Biodiversity Research**, Division of Conservation Biology, Vegetation and Landscape Ecology, 23 March 2017  
The use of death assemblages in invasion ecology: reconstructing the history of introductions beyond direct observation
- 2017**      **University of Vienna, Department of Palaeontology**; special seminar event on biological invasions, 31 January 2017  
The use of death assemblages in invasion ecology: reconstructing the history of introductions beyond direct observation
- 2015**      **CMCC Euro-Mediterranean Center on Climate Change** and INGV Istituto Nazionale di Geofisica e Vulcanologia (National Institute for Geophysics and Vulcanology), MEDSLIK-II Steering Committee meeting; 29-30 June 2015  
Major oil spills and chronic discharges in the Arabian (Persian) Gulf: effects on biodiversity inferred with live-dead agreement studies.
- 2015**      **Slovak Academy of Sciences**, Bratislava; 8 June 2015  
Conservation palaeobiology of oil polluted tropical marine biota in the Arabian (Persian) Gulf
- 2015**      **University of Vienna, Department of Palaeontology**; Seminar series "Topics of Palaeontology II", 19 May 2015  
Conservation palaeobiology of oil polluted tropical marine biota in the Arabian (Persian) Gulf
- 2015**      **University of Vienna, Department of Bio-Oceanography and Marine Biology**; 28 April 2015  
Assessing recent compositional changes in marine ecosystems: a conservation paleobiology case study from the Persian Gulf
- 2015**      **Università di Bologna, Dipartimento di Scienze Biologiche, Geologiche e Ambientali**; PhD course in Earth, Life and Environmental Sciences; 31 March 2015  
Palaeontological methods for the quantification of benthic community changes
- 2015**      **Università di Bologna, Dipartimento di Scienze Biologiche, Geologiche e Ambientali**; Environmental Sciences working group, Ravenna; 30 March 2015  
Palaeontological approaches to quantify benthic community shifts: a case-study around oil platforms in the Persian Gulf
- 2014**      **University of York**, Department of Chemistry; 3 December 2014  
Applications of amino acid racemization dating to environmental sciences and biodiversity conservation
- 2014**      **University of Vienna, Department of Palaeontology**; Series "Topics of Palaeontology I", 7 October 2014  
Conservation palaeobiology of oil polluted tropical marine biota in the Arabian (Persian) Gulf
- 2014**      **Università di Bologna, Dipartimento di Scienze Biologiche, Geologiche e Ambientali**; PhD course in Earth, Life and Environmental Sciences; 29 May 2014  
Conservation palaeobiology of oil polluted tropical marine biota in the Arabian (Persian) Gulf

## ***Complete publication list***

### **Scientific articles**

- 
- In preparation      Steger J., Bošnjak M., Belmaker J., Galil B.S., Zuschin M., **Albano P.G.** Non-indigenous species profoundly alter Eastern Mediterranean functioning but are not the main driver of native biodiversity collapse.
- In preparation      **Albano P.G.**, Christodoulou M., Nawrot R. Small body size affects detection of non-indigenous species.
- In preparation      **Albano P.G.** & Bogi C. A review of non-indigenous marine molluscs in Israel.

- Submitted **Albano P.G.**, Steger J., Bošnjak M., Dunne B., Guifarro Z., Turapova E., Hua Q., Kaufman D.S., Rilov G., Zuschin M. Climate-driven biodiversity collapse on the Mediterranean Israeli shelf challenges our views on biological invasions. *Nature Climate Change*
- Under review Bright J., Kaufman D.S., Whitacre K., Ebert C., Southon J.R., **Albano P.G.**, Flores C., Frazer T.K., Hua Q., Kosnik M.A., Kowalewski M., Martinelli J., Oakley D., Parker W.G., Retelle M., Do Nascimento Ritter M., Rivadeneira M., Scarponi D., Yanes Y., Zuschin M. Comparing rapid and standard  $^{14}\text{C}$  ages from an assortment of biologic carbonates. *Radiocarbon*
- Minor revision requested Tomašových A., **Albano P.G.**, Fuksi T., Gallmetzer I., Haselmair A., Kowalewski M., Nawrot R., Nerlović V., Scarponi D., Zuschin M. Anthropocene regime shift preserved in the stratigraphic record. *Proceedings of the Royal Society B*
- 45 Agiadi K. & **Albano P.G.** Holocene fish assemblages provide baseline for evaluation of Anthropocene changes in the Eastern Mediterranean. *The Holocene* accepted on 14 April 2020, in press
  - 44 Katsanevakis S., ..., **Albano P.G.**, et alii Unpublished Mediterranean records of marine alien and cryptogenic species. *BiolInvasions Records* 9 (2): 165-182 (doi: 10.3391/bir.2020.9.2.01)
  - 43 **Albano P.G.**, Hua Q., Kaufman D.S., Tomašových A., Zuschin M., Agiadi K., 2020. Radiocarbon dating supports bivalve-otolith age coupling along a bathymetric gradient in high-resolution paleoenvironmental studies. *Geology* in press (doi: 10.1130/G47210.1)
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## Congress contributions

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Underlined the oral contributions presented in person:

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- 13 **Albano P.G.**, Tomašových A., Kaufman D.S., Stachowitsch M., Zuschin M., 2015. Assessing the magnitude of recent compositional changes in marine ecosystems: applying the conservation paleobiology approach to the Persian Gulf. Geological Society of American Meeting, Baltimore USA, 1-4 November 2015.
- 12 Bentlage R., **Albano P.G.**, Drummond H., Nagel-Myers J., Zuschin M., 2015. Intensities of drilling predation on bivalves around oil platforms in the southern Persian (Arabian) Gulf. Geological Society of American Meeting, Baltimore USA, 1-4 November 2015.
- 11 **Albano P.G.**, Tomašových A., Stachowitsch M., Zuschin M., 2015. Assessing the magnitude of recent compositional changes in marine ecosystems: a conservation paleobiology case study from the Persian Gulf. European Geosciences Union, General Assembly 2015, Vienna, Austria, 12–17 April 2015.
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- 4 **Albano P.G.** & Sabelli B., 2011. Recenti estensioni di areale di molluschi marini autoctoni lungo le coste italiane. 38° Congresso della Società Italiana di Biogeografia. Roma, 14–17 December 2011.
- 3 **Albano P.G.** & Sabelli B., 2011. Diversità dei molluschi bentonici dell'Area Marina Protetta delle "Secche di Tor Paterno" (Roma). 72° Congresso dell'Unione Zoologica Italiana. Bologna, 5–8 September 2011.
- 2 **Albano P.G.**, Sabelli B., Adani M., Pinardi N., 2010. The thermophilous species *Echinolittorina punctata* as a new descriptor of tropicalization in the Mediterranean Sea – first data. 41° Congresso della Società Italiana di Biologia Marina. Rapallo (Genova), 7–11 June 2010.
- 1 **Albano P.G.** & Sabelli B., 2008. Biodiversity survey of the benthic communities of the Marine Protected Area "Secche di Tor Paterno", Central Tyrrhenian Sea, by way of molluscs: preliminary results on the foliar stratus of *Posidonia oceanica*. 5th Congress of the European Malacological Societies. Ponta Delgada (Açores) 2–6 September 2008.

## Popular books

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**Albano P.G.** & Sabelli B., 2009. *I molluschi delle Secche di Tor Paterno*. RomaNatura, Roma; pp. 96

**Albano P.G.**, Focaccia F., Giovannini G., Marini L., Mulazzani A., Pazzi A., Reggi A., Villetti G., 2008. *Guida all'Area Marina Protetta "Secche di Tor Paterno"*. Il Mare, Libreria Internazionale; pp. 93

## Other publications

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- 15 Sattmann H. & **Albano P.G.**, 2018. Gestörte Geheimnisse der Tiefsee. *Das Naturhistorische Sommer* 2018: 110-111.
- 14 Steger J., Galil B.S., Zuschin M., **Albano P.G.**, 2018. Lessepsian invaders reshape soft-substrate assemblages on the Israeli Mediterranean shelf. *PeerJ Preprints* 6:e26762v1 <https://doi.org/10.7287/peerj.preprints.26762v1>
- 13 Katsanevakis S., Mackelworth P., Coll M., Fraschetti S., Mačić V., Giakoumi S., Jones P.J.S., Levin N., **Albano P.G.**, Badalamenti F., Brennan R.E., Claudet J., Culibrk D., D'Anna G., Deidun A., Evagelopoulos A., García-Charton J.A., Goldsborough D., Holcer D., Jimenez C., Kark S., Sørensen T.K., Lazar B., Martin G., Mazaris A.D., Micheli F., Milner-Gulland E.J., Pipitone C., Portman M.E., Pranovi F., Rilov G., Smith R.J., Stelzenmüller V., Vogiatzakis I., Winters G., 2017. Advancing marine conservation in European and contiguous seas with the MarCons Action. *RIO – Research Outcomes and Ideas* 3: e11884
- 12 **Albano P.G.**, Tomašových A., Kaufman D.S., Stachowitsch M., Zuschin M., 2015. Assessing the magnitude of recent compositional changes in marine ecosystems: applying the conservation paleobiology approach to the Persian Gulf. *GSA Abstracts with Programs* Vol. 47, No. 7.
- 11 Bentlage R., **Albano P.G.**, Drummond H., Nagel-Myers J., Zuschin M., 2015. Intensities of drilling predation on bivalves around oil platforms in the southern Persian (Arabian) Gulf. *GSA Abstracts with Programs* Vol. 47, No. 7.
- 10 **Albano P.G.** & Sabelli B., 2011. Describing the molluscan biodiversity of "Secche di Tor Paterno", a peculiar Marine Protected Area in Italy. *The Tentacle*, The Newsletter of the IUCN/SSC Mollusc Specialist Group; pp. 46-48



- 9 **Albano P.G.** & Sabelli B., 2011. Non-marine molluscs in the Emilia-Romagna region of northern Italy: still much to do about their knowledge and conservation. *The Tentacle*, The Newsletter of the IUCN/SSC Mollusc Specialist Group; pp. 18-19
- 8 **Albano P.G.**, Sabelli B., Adani M., Pinardi N., 2010. The thermophilous species *Echinolittorina punctata* as a new descriptor of tropicalization in the Mediterranean Sea – first data. *Biologia Marina Mediterranea*; 17 (1): 90-93 [congress acts]
- 7 Evangelisti F., **Albano P.G.**, Sabelli B., 2010. Genetic variation of the brachiopod *Gryphus vitreus* (Born, 1778) across the Gibraltar Sill. *Biologia Marina Mediterranea*; 17 (1): 28-30 [congress acts]
- 6 **Albano P.G.**, 2007. Tsukiji (Tokyo): il mercato del pesce più grande del mondo. Tsukiji (Tokyo): the world's greatest fish market. *Notiziario della Società Italiana di Malacologia*, Napoli; 25 (1-4): 12-22
- 5 **Albano P.G.**, 2006. Apporti antropici di *Ensis directus* sulle spiagge del Medio Adriatico. *Notiziario della Società Italiana di Malacologia*, Napoli; 24 (5-8): 11-12
- 4 **Albano P.G.**, 2006. Ritrovamenti presso la spiaggia di Palo Laziale (Roma). *Notiziario della Società Italiana di Malacologia*, Napoli; 24 (1-4): 21-22
- 3 **Albano P.G.**, 2005. Il sale come conservativo per i molluschi. *Notiziario della Società Italiana di Malacologia* Napoli; 22 (9-12): 19-20
- 2 **Albano P.G.** & Perrella R., 2002. A close encounter with a live *Tonna galea* (Linné, 1758) and its eggs. *American Conchologist*, U.S.A.; 30 (4): 27
- 1 **Albano P.G.** & Favero F., 2001. Report of a specimen of *Buccinulum corneum* Linné, 1758 with three eye tentacles. *La Conchiglia*, Roma; 33 (300): 57-58

### New taxa described

- 3 *Coriophora lessepsiana* Albano, Bakker, Sabelli (Gastropoda: Triphoridae) *in progress*
- 2 *Opimaphora blattereri* Albano, Bakker, Sabelli (Gastropoda: Triphoridae) *in progress*
- 1 *Caecum inhacaense* Albano & Pizzini, 2011 (Gastropoda: Caecidae); Inhaca Island, Southern Mozambique

### Consultancy activity

#### Projects on biodiversity monitoring and management

	<i>During my consultancy activity I also conducted ~100 other projects on environmental assessment, environmental law compliance, designing and auditing of environmental management systems</i>	
<b>2012 – 2013</b>	Biodiversity monitoring of 100 Natura 2000 sites (plants, invertebrates, reptiles, amphibians and mammals) in Region Emilia-Romagna. Project manager, specialist of Mollusca. For: Region Emilia-Romagna, Italy.	€ 896,610
<b>2012</b>	Management plans and conservation measures of the Natura 2000 sites in the Province of Rimini.	€ 16,038
<b>2011 – 2012</b>	Management plans and conservation measures of the Natura 2000 sites on the hills of the Province of Bologna.	€ 12,000
<b>2011 – 2012</b>	Management plans and conservation measures of the Natura 2000 sites on the mountains of the Province of Bologna.	€ 15,798
<b>2011 – 2012</b>	Management plans and conservation measures of 5 Natura 2000 sites on the mountains of the Province of Piacenza. Project manager.	€ 71,100
<b>2011 – 2012</b>	Management plans and conservation measures of 10 Natura 2000 sites in the lowland and on the hills of the Province of Piacenza. Project manager.	€ 102,240

<b>2011 – 2012</b>	Management plans and conservation measures of 10 Natura 2000 sites in the Province of Forlì-Cesena. Project manager.	€ 64,680
<b>2011</b>	Communication actions and international networking in the NATREG project “S.E.E.” (2007/13).	€ 11,399
<b>2010 – 2012</b>	Conservation measures of 32 Natura 2000 sites and 5 management plans, in the Region Friuli Venezia Giulia.	€ 41,760
<b>2010</b>	Management plans of 3 Natura 2000 sites in the Province of Treviso.	€ 9,000
<b>2009 – 2010</b>	Database implementation for the Natura 2000 system on biodiversity records, menaces, pressures and species and habitats conservation status in the Region Emilia-Romagna. Project manager.	€ 58,200
<b>2009 – 2010</b>	Management plan for 1 Natura 2000 site in the Province of Vicenza.	€ 40,594
<b>2009 – 2010</b>	Management plans for 4 Natura 2000 sites in the Province of Pavia. Project manager.	€ 44,100
<b>2009</b>	Monitoring of animal road mortality in the Karst areas of Friuli Venezia Giulia. Project manager.	€ 21,571
<b>2008 – 2009</b>	Management plans for 4 Natura 2000 sites in the Province of Varese. Project manager.	€ 22,200
<b>2008 – 2009</b>	Popular book on the biodiversity of the Marine Protected Area “Secche di Tor Paterno”. Project manager.	€ 5,290
<b>2008 – 2009</b>	Impact assessment of a wind farm on a Natura 2000 site in Monteromano Poggio Viterbese (Viterbo).	€ 10,320
<b>2008</b>	Management plans for 11 Natura 2000 sites in the Province of Catania. Project manager.	€ 102,377
<b>2008</b>	Improvement of biodiversity databases of Natura 2000 monitoring data in the Region Friuli Venezia Giulia. Project manager.	€ 59,400
<b>2008</b>	Design of a database for storing bird sightings of the “ANSER” project (INTERREG IIIA Adriatic). Project manager.	€ 11,400
<b>2007 – 2008</b>	Biodiversity and socio-economic indicators, monitoring protocols, and database design for the Natura 2000 network of the Region Friuli Venezia Giulia. Project manager.	€ 100,800
<b>2006 – 2008</b>	Benthic biodiversity monitoring in the Marine Protected Area “Secche di Tor Paterno”, Central Tyrrhenian Sea. Project manager.	€ 31,900
<b>2005 – 2007</b>	Design of an environmental management system (ISO 14001), and environmental status report for the natural park “Monti Lucretili”. Project manager.	€ 135,800
<b>2004 – 2007</b>	Design of an environmental management system (EMAS, ISO 14001) for the Marine Protected Area “Secche di Tor Paterno”. Project manager.	€ 39,000

Data

13/05/2020

Luogo

Vienna, Austria